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Substantive Exam 1449/PTO

(Use as many sheets as necessary)

Sheet	2	of	8
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Complete if Known

Application Number	10/754,115
Filing Date	January 7, 2004
First Named Inventor	Timothy D. Hey
Art Unit	
Examiner Name	
Attorney Docket Number	DAS-104XC1

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T
		Country Code ² *Number ⁴ *Kind Code ³ (if known)	MM-DD-YYYY			
RV	13/	WO 99/42589 A2	08-26-1999	Kramer et al.	(Review all)	
	14/	WO 99/54472 A1	10-28-1999	Kramer et al.	(Review all)	
	15/	WO 00/30453 A2	06-02-2000	Jarrett et al.	(Review all)	
	16/	WO 00/42855 A1	07-27-2000	Morgan et al.	(Review all)	
	17/	WO 01/11029 A1	02-15-2001	Petell et al.	(Review all)	
	18/	WO 02/94867 A2	11-28-2002	Duchaud et al.	(Review all)	

Examiner Signature	<i>James Koser</i>	Date Considered	2/22/06
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Sheet	3	of	8	Attorney Docket Number	DAS-104XC1

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Examiner Signature	<i>Rosanne Kossin</i>	Date Considered	2/22/06
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Sheet	4	of	8	Attorney Docket Number	DAS-104XC1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
fV	20 /	BOWEN et al., "Insecticidal toxins from the bacterium Photobacterium luminescens," Science 280 (5372), 2129-2132 (1998)	
	21 /	BOWEN et al., Insecticidal toxin complex protein TcaC (Photobacterium luminescens), GENBANK Accession No. AAC38625 (gi:3265037), June 30, 1998	
	22 /	BOWEN et al., Insecticidal toxin complex protein TcbA (Photobacterium luminescens), GENBANK Accession No. AAC38627 (gi:3265040), June 30, 1998	
	23 /	FFRENCH-CONSTANT et al., "Photobacterium toxins: novel biological insecticides," Current Opinion in Microbiology (1999), p. 284-288, vol. 12	
	24 /	FFRENCH-CONSTANT et al., "Novel insecticidal toxins from nematode-symbiotic bacteria," Cellular and Mol. Life Sciences (5/00), p. 828-833, vol. 57, no. 5	
	25 /	FFRENCH-CONSTANT et al., "A Genomic Sample Sequence of the Entomopathogenic Bacterium Photobacterium...", Appl. Environ. Microbiol. (8/00), p. 3310-3329, vol. 66, no. 8	
	26 /	FORST et al., "Molecular Biology of the Symbiotic-Pathogenic Bacteria Xenorhabdus spp. and Photobacterium spp.," Microbiological Reviews (3/96), p. 21-43, vol. 60, no. 1	
	27 /	HURST et al., "Plasmid-Located Pathogenicity Determinants of Serratia entomophila...", Journal of Bacteriology (09/00), p. 5127-5138, vol. 182, no. 18	
	28 /	HURST et al., SepA (Serratia entomophila), GENBANK Accession No. AAG09642 (gi:9963678)	
	29 /	HURST et al., SepB (Serratia entomophila), GENBANK Accession No. AAG09643 (gi:9963679)	

Examiner Signature	<i>Rosanne Korman</i>	Date Considered	2/22/06
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		Attorney Docket Number	DAS-104XC1

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RK	30	HURST et al., SepC (Serratia entomophila), GENBANK Accession No. AAG09644 (gi:9963680)	
	31	MERLO et al., Toxin A (Photorhabdus luminescens), GENBANK Accession No. AAF05542 (gi:6176340), November 2, 1999	
	32	MORGAN et al., "Sequence Analysis of Insecticidal Genes from Xenorhabdus nematophilus PMF1296," Appl. Environ. Microbiol. (5/01), p. 2062-2069, vol. 67, no. 5	
	33	MORGAN et al., Xenorhabdus nematophilus genes, GENBANK Accession No. AJ308438, May 11, 2001	
	34	MORGAN et al., Putative chitinase (Xenorhabdus nematophila), GENBANK Accession No. CAC38398 (gi:14041727), May 11, 2001	
	35	MORGAN et al., XptA1 protein (Xenorhabdus nematophila), GENBANK Accession No. CAC38401 (gi:14041730), May 11, 2001	
	36	MORGAN et al., XptB1 protein (Xenorhabdus nematophila), GENBANK Accession No. CAC38402 (gi:14041731), May 11, 2001	
	37	MORGAN et al., XptC1 protein (Xenorhabdus nematophila), GENBANK Accession No. CAC38403 (gi:14041732), May 11, 2001	
	38	MORGAN et al., XptA2 protein (Xenorhabdus nematophila), GENBANK Accession No. CAC38404 (gi:14041733), May 11, 2001	
	39	NCBI Microbial Genomes Annotation Project, COG3209: Rhs family protein (Pseudomonas...), GENBANK Accession No. ZP_00083266 (gi:23058175)	

Examiner Signature	<i>Norman Kern</i>	Date Considered	2/22/06
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Sheet	6	of	8	Attorney Docket Number	DAS-104XC1

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12X	40 /	NCBI Microbial Genomes Annotation Project, COG3209: Rhs family protein (Pseudomonas...), GENBANK Accession No. ZP_00083267 (gi:23058176)		
	41 /	NCBI Microbial Genomes Annotation Project, Hypothetical protein (Pseudomonas fluorescens...), GENBANK Accession No. ZP_00084399 (gi:23059431)		
	42 /	NCBI Microbial Genomes Annotation Project, COG3209: Rhs family protein (Pseudomonas...), GENBANK Accession No. ZP_00084400 (gi:23059432)		
	43 /	NCBI Microbial Genomes Annotation Project, COG3209: Rhs family protein (Pseudomonas...), GENBANK Accession No. ZP_00084401 (gi:23059433)		
	44 /	NCBI Microbial Genomes Annotation Project, COG3209: Rhs family protein (Pseudomonas...), GENBANK Accession No. ZP_00084403 (gi:23059435)		
	45 /	NCBI Microbial Genomes Annotation Project, COG3209: Rhs family protein (Pseudomonas...), GENBANK Accession No. ZP_00125560 (gi:23470227)		
	46 /	NCBI Microbial Genomes Annotation Project, Hypothetical protein (Pseudomonas syringae...), GENBANK Accession No. ZP_00126265 (gi:23470933)		
	47 /	NCBI Microbial Genomes Annotation Project, COG3209: Rhs family protein (Pseudomonas...), GENBANK Accession No. ZP_00127864 (gi:23472540)		
	48 /	NCBI Microbial Genomes Annotation Project, COG3209: Rhs family protein (Pseudomonas...), GENBANK Accession No. ZP_00127865 (gi:23472541)		
✓	49 /	NCBI Microbial Genomes Annotation Project, Hypothetical protein (Pseudomonas syringae...), GENBANK Accession No. ZP_00127867 (gi:23472543)		

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	10/754,115
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Sheet

7

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8

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RK	50	NCBI Microbial Genomes Annotation Project, Hypothetical protein (Pseudomonas syringae...), GENBANK Accession No. ZP_00127868 (gi:23472544)	
	51	NCBI Microbial Genomes Annotation Project, COG3209: Rhs family protein (Pseudomonas...), GENBANK Accession No. ZP_00127869 (gi:23472545)	
	52	NCBI Microbial Genomes Annotation Project, COG3209: Rhs family protein (Pseudomonas...), GENBANK Accession No. ZP_00127870 (gi:23472546)	
	53	NCBI Microbial Genomes Annotation Project, COG3209: Rhs family protein (Pseudomonas...), GENBANK Accession No. ZP_00123877 (gi:23468542)	
	54	PETTERSSON et al., "Transfer of Bacillus lentimorbus and Bacillus popilliae to the genus Paenibacillus...", Int. J. Syst. Bacteriol. (1999), p. 531-540, vol. 49, no. 2 (abstract)	
	55	SHIDA et al., "Emended description of Paenibacillus amylolyticus and description of Paenibacillus...", Int. J. Syst. Bacteriol. (1997), p. 299-306, vol. 47, no. 2 (abstract)	
	56	WATERFIELD et al., "Oral Toxicity of Photorhabdus luminescens W14 Toxin Complexes in Escherichia coli," Appl. Environ. Microbiol. (11/01), p. 5017-5024, vol. 67, no. 11	
	57	WATERFIELD et al., "The toxin complex genes of Photorhabdus: a growing gene family," Trends in Microbiology (04/01), p. 185-191, vol. 9, no. 4	
	58	WATERFIELD et al., "Genomic islands in Photorhabdus," Trends Microbiol. 10 (12), 541-545 (2002)	
	59	WATERFIELD et al., Toxin complex protein (Photorhabdus luminescens), GENBANK Accession No. AAL18473 (gi:16416915)	

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RK	60	✓ WATERFIELD et al., TcdA1; toxin complex protein (Photorhabdus luminescens), GENBANK Accession No. AAL18486 (gi:16416929)	
	61	✓ WATERFIELD et al., TcdB1; toxin complex protein (Photorhabdus luminescens), GENBANK Accession No. AAL18487 (gi:16416930)	
	62	✓ WATERFIELD et al., TccC2 (Photorhabdus luminescens), GENBANK Accession No. AAL18492 (gi:27479639)	
	63	✓ WATERFIELD et al., TccC4 (Photorhabdus luminescens), GENBANK Accession No. AAO17196 (gi:27479669)	
	64	✓ WATERFIELD et al., TcdA2 (Photorhabdus luminescens), GENBANK Accession No. AAO17201 (gi:27479674)	
	65	✓ WATERFIELD et al., TcdB2 (Photorhabdus luminescens), GENBANK Accession No. AAO17202 (gi:27479675)	
	66	✓ WATERFIELD et al., TccC3 (Photorhabdus luminescens), GENBANK Accession No. AAO17204 (gi:27479677)	
	67	✓ WATERFIELD et al., TcdA4 (Photorhabdus luminescens), GENBANK Accession No. AAO17209 (gi:27479682)	
	68	✓ WATERFIELD et al., TccC5 (Photorhabdus luminescens), GENBANK Accession No. AAO17210 (gi:27479683)	

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